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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Johnson

Serial No: 10/~~631,511~~

Filed: 3 July 2003

For: Earth Loop Installation
With Sonic Drilling

§

§ Art Unit:

§

§ Examiner:

§

§ Atty Docket No: AMME 010

§

§

FIRST SUPPLEMENT TO INFORMATION DISCLOSURE

Mail Stop Non Fee Amendments
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Dear Sir:

This is a First Supplement to information previously disclosed in this application. Enclosed are: a list of references; a Form PTO 1449 listing the references; and a copy of each reference. All applicable presumptions and reservations afforded by 37 CFR 1.56 et seq. regarding disclosure are incorporated herein by reference.

Respectfully submitted,

Re-Sent 17 Mar 05
30 July 2003

Date: _____
PMB 347
16690 Champion Forest Drive
Spring, TX. 77379--7023
Phone: 281 893 5244

[Signature]
Guy McClung
Reg. No. 29,008

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

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Date: 30 July 2003

[Signature]
Guy McClung, Reg. No. 29,008

Re-Sent 17 Mar 05

Facsimile of Form PTO-1449
(REV. 6-89)U.S. Department of Commerce
Patent and Trademark Office

ATTORNEY'S DOCKET NUMBER

SERIAL NUMBER

AMME 010

10/631,511

Information Disclosure Citation

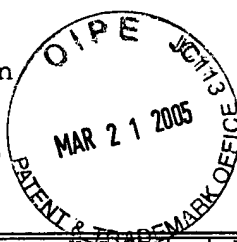
(Use Several Sheets If Necessary)

APPLICANT
Johnson

FILING DATE

3 July 2003

GROUP ART UNIT



U.S. Patent Documents

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	4,719,978	01/1988	Klemm	175	113	
	4,840,238	06/1989	Klemm	175	92	
	4,909,323	03/1990	Hastings	166	242	
	5,205,366	04/1993	Klemm	175	390	
	5,255,590	10/1993	Klemm	91	516	
	5,269,107	12/1993	Klemm	52	115	
	5,350,023	09/1994	Klemm	173	17	
	5,419,403	05/1995	Klemm	173	115	
	6,164,391	12/2000	Wurm	175	52	
	6,244,360	06/2001	Steinsland	175	52	10/1997
						12/1999
						03/1999

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pges, Etc.)

		New Rigs and Accessories, Water Well Journal, Vol. I, No. 10, Oct. 1996; pp. 33-37.

FOREIGN REFERENCES

Examiner's Initial	Document Number	Country	Inventor- Class/Subclass	Date

Examiner

Date Considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Johnson §
Serial No: 10/631,511 § Art Unit:
Filed: 3 July 2003 § Examiner:
For: Earth Loop Installation § Atty Docket No: AMME 010
With Sonic Driling §

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§ Art Unit:

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§ Examiner:

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§ Atty Docket No: AMME 010

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SECOND SUPPLEMENT TO INFORMATION DISCLOSURE

Mail Stop Non Fee Amendments
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Dear Sir:

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Respectfully submitted,

Re-sent 17 Mar 05
6 Aug 03
Date: 6 Aug 03
PMB 347
16690 Champion Forest Drive
Spring, TX. 77379--7023
Phone: 281 893 5244

Guy McClung
Guy McClung
Reg. No. 29,008

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

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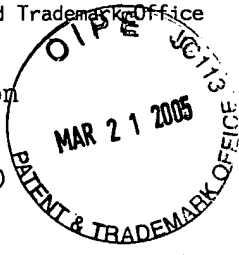
Date: 6 Aug 03

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Guy McClung
Guy McClung, Reg. No. 29,008

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Page 1 of 1

Facsimile of Form PTO-1449 (REV. 6-89)	U.S. Department of Commerce Patent and Trademark Office	ATTORNEY'S DOCKET NUMBER AMME 010	SERIAL NUMBER 10/631,511
Information Disclosure Citation (Use Several Sheets If Necessary)		APPLICANT Johnson	
		FILING DATE 3 July 2003	GROUP ART UNIT



U.S. Patent Documents

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	6,588,509	07/2003	Allyn et al	166	340	04/2002
	6,502,636	01/2003	Chatterji et al	166	293	02/2001
	6,276,438	08/2001	Amerman et al	165	45	
	6,251,179	06/2001	Allan	106	719	03/1999
	6,250,371	06/2001	Amerman et al	165	45	
	6,041,862	03/2000	Amerman	166	290	
	5,752,572	05/1998	Baiden et al	175	26	
	5,765,643	06/1998	Shaaban et al	166	384	
	5,639,184	06/1997	DeMasters	405	156	
	5,590,715	01/1997	Amerman	166	290	
	5,501,287	03/1996	Loeser	175	173	
	5,477,914	12/1995	Rawlings	165	45	
	5,435,395	07/1995	Connell	166	384	
	5,435,387	07/1995	Roberts	166	242	
	5,411,085	05/1995	Moore et al	166	242	
	5,291,956	03/1994	Mueller et al	175	67	
	4,912,941	04/1990	Buchi	62	260	
	4,905,777	03/1990	Spies	175	73	
	4,100,983	07/1978	Herrmann et al	175	383	
	4,006,665	02/1977	Klemm	91	278	
	3,249,162	05/1966	Brown	175	96	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pges, Etc.)

		Casing Drilling Making Major Strides, The American Oil & Gas Reporter, April 2002, pp. 87- 89, 91, HRB 605-Me, Hutte & Co., May 2000.
		Hydraulic Hammer HB 60A, Krupp Berco Bautechnik, Oct. 2000.
		... present throughout the world, Hutte & CO., May 2000.

Examiner	Date Considered
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Applicant: Johnson

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5,639,184	06/1997	DeMasters
5,590,715	01/1997	Amerman
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5,435,387	07/1995	Roberts
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Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Johnson

Serial No: 10/631,511 *6/3,511*

Filed: 3 July 2003

For: Earth Loop Installation
With Sonic Drilling

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Art Unit:

Examiner:

Atty Docket No: AMME 010

THIRD SUPPLEMENT TO INFORMATION DISCLOSURE

Mail Stop Non Fee Amendments
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Dear Sir:

This is a Third Supplement to information previously disclosed in this application. Enclosed are: a list of references; a Form PTO 1449 listing the references; and a copy of each reference. All applicable presumptions and reservations afforded by 37 CFR 1.56 et seq. regarding disclosure are incorporated herein by reference.

Respectfully submitted,

Re-Sent 17 Mar 05

Date: 24 Dec 03

PMB 347

16690 Champion Forest Drive
Spring, TX. 77379--7023
Phone: 281 893 5244

Guy McClung
Reg. No. 29,008

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

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Date: 24 Dec 03

Re-Sent 17 Mar 05

Guy McClung, Reg. No. 29,008

MAR 21 2005
PATENT & TRADEMARK OFFICE

Facsimile of Form PTO-1449 (REV. 6-89)	U.S. Department of Commerce Patent and Trademark Office	ATTORNEY'S DOCKET NUMBER AMME 010	SERIAL NUMBER 10/631,511
Information Disclosure Citation (Use Several Sheets If Necessary)		APPLICANT Johnson	
		FILING DATE 3 July 2003	GROUP ART UNIT

U.S. Patent Documents

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pges, Etc.)

Examiner	Date Considered
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		AMME 010	10/631,511
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Information Disclosure Citation (Use Several Sheets If Necessary)		FILING DATE	GROUP ART UNIT
		3 July 2003	

U.S. Patent Documents

Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	3,878,686	04/1975	Hageman et al	61	36R	
	4,719,978	01/1988	Klemm	175	113	
	4,840,238	06/1989	Klemm	175	92	
	4,909,323	03/1990	Hastings	166	242	
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	6,251,179	06/2001	Allan	106	719	03/1999

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		Hydraulic Hammer HB 60A, Krupp Berco Bautechnik, Oct. 2000.
		. . . present throughout the world, Hutte & CO., May 2000.

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Examiner's Initial	Document Number	Country	Inventor- Class/Subclass	Date

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 Serial No: 10/631,511 § Art Unit:
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U.S. Patent Documents		
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6,276,438	08/2001	Amerman et al
5,803,187	09/1998	Javins, Brooks H.
5,263,545	11/1993	Tudora et al
5,152,342	10/1992	Rankin et al
4,981,396	01/1991	Albertson et al
4,595,059	06/1986	Katagiri et al
4,574,875	03/1986	Rawlings et al
3,979,917	09/1976	Crafton
3,835,943	09/1974	Bray, Richard Nicholas
3,734,209	05/1973	Haisch et al
3,878,686	04/1975	Hageman et al
4,719,978	01/1988	Klemm
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Patent

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FOURTH SUPPLEMENT TO INFORMATION DISCLOSURE

Mail Stop Non Fee Amendments
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Dear Sir:

This is a Fourth Supplement to information previously disclosed in this application. Enclosed are a list of references and a Form PTO 1449 listing the references. All applicable presumptions and reservations afforded by 37 CFR 1.56 et seq. regarding disclosure are incorporated herein by reference.

Respectfully submitted,

Re-sent 17 Mar 05
29 JUL 04
Date: _____
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Reg. No. 29,008

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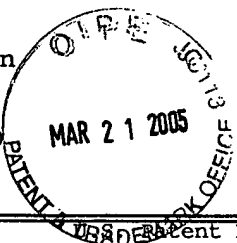
Date: *29 JUL 04*

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Page 1 of 1

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(Use Several Sheets If Necessary)		FILING DATE 3 July 2003	GROUP ART UNIT

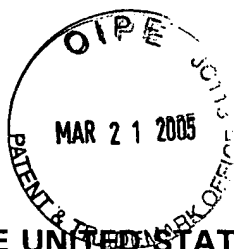


Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	6.739.410	05/2004	Smith et al	175	55	02/02
	5.812.068	09/1998	Wisler et al			
	5.562.169	10/1996	Barrow			
	5.549.170	08/1996	Barrow			
	5.417.290	05/1995	Barrow			
	4.693.325	09/1987	Bodine			
	4.662.459	05/1987	Bodine			
	4.403.665	09/1983	Bodine			
	4.073.353	02/1978	Bodine			
	4.023.628	05/1977	Bodine			
	3.499.293	03/1970	Kato	173	49	
	3.096.833	07/1963	Bodine	175	156	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	Date Considered
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Applicant: Johnson

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§ **Art Unit:**

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**For: Earth Loop Installation
With Sonic Drilling**

§ **Atty Docket No: AMME 010**

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5,562,169	10/1996	Barrow			
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4,023,628	05/1977	Bodine			
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